

HEALTH REPORT

This perfect health status is assuring authorities and customers to safely import Til-Aqua International genetics!

*Ictyopharma is a European-based Contract Research Organisation (CRO) specializing in aquatic animal health. Over the past 19 months, 16 batches of Til-Aqua International fish were tested and **all were found negative** for diseases as *S. agalactiae*, *S. iniae*, *F. asiatica* and *TiLV*. Since September 2018 the fish are also checked for -and **proven to be free off**- *Edwardsiella ictaluri* and *Edwardsiella piscicida*. Recently also on *L. garviae* and *ISKNV**



TEST	24-08-17	05-10-17	09-11-17	14-12-17	18-01-18	02-03-18	12-04-18	24-05-18	05-07-18	09-08-18	13-09-18	18-10-18	29-11-18	10-01-19	14-02-19	28-03-19
Parasite check upon arrival	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
General health (behavior, growth)	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
General external check	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions
General internal check	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions	No lesions
Bacteriology plating																
- <i>S. agalactiae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>S. iniae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>F. noentunensis subsp orientalis</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella ictaluri</i>											Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella piscicida</i>											Negative	Negative	Negative	Negative	Negative	Negative
- <i>L. garviae</i>														Negative	Negative	Negative
PCR analysis internal organs																
- <i>S. agalactiae</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>S. iniae</i>					Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>F. asiatica</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella ictaluri</i>											Negative	Negative	Negative	Negative	Negative	Negative
- <i>Edwardsiella piscicida</i>											Negative	Negative	Negative	Negative	Negative	Negative
- <i>Tilapia Lake Virus (TiLV)</i>	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
- <i>ISKNV</i>														Negative	Negative	Negative

Further details and full reports can be found at the [Til-Aqua International website](#) or to be supplied and explained upon request.

Wageningen Bioveterinary Research - Lelystad, part of Wageningen University & Research is an internationally renowned knowledge institute in animal health. Moreover, is the official **National Reference Laboratory** for The Netherlands.



Since 2012 and even recently, **Wageningen Bioveterinary Research - Lelystad** has tested the Til-Aqua International fish for the following diseases:
 Bacterial infections: - **Flavobacterium columnare** - **Streptococcus spp.** Viruses: - **IHNV** - **VHSV** - **EHNV** - **SVCV** - **OMV (HS-2)**

All fish were tested negative for all of the mentioned issues.
 As indicated, no fish entered the facilities for more than 20 years.